

ABSTRACT

In one embodiment, a state-varying hybrid stream cipher operating within a computing device. The state-varying hybrid stream cipher comprises at least two software routines. A first routine is responsible for dividing incoming plain text into variable-sized
5 blocks. A second software routine is for converting the plain text into cipher text based on an encryption key, an internal identifier and perhaps a percentage of random data value.

Approved for Release by NSA on 09-08-2013 pursuant to E.O. 13526